

Varsity Hoopmen
Tuned for Opener
With Naval Squad

Four Men Back from Last Year's
First Team Strong Aid
From Yearlings

Johnson Captains Team
Starting Lineup Includes Sysko,
Johnson, O'Brien, Feustel,
and Coffey

Starting their season against the Newport Naval Academy, the members of the Institute basket ball team will run up against an unknown quantity. Early in the season for the Naval team, it is impossible to predict the strength of the squad which the Engineers will meet. Veterans from last year's team will form the backbone of the team this year, with four letter men slated to start. Only two men, Captain Johnny Harrison, and Dave Motter, forward and center respectively, graduated, and left behind them the nucleus of a strong offensive and defensive team.

Men Shift Positions
Harry Johnson, captain of this year's squad, will start the game at center, the key position left open by Motter's graduation. Last year Johnson played a star game at guard, and alternated with Motter only occasionally, at center. Leaving guard for the key position, Johnson will leave a hole which is to be filled by Fred Feustel, who last year played on the forward line. Feustel is not new to this position, for he filled in for Johnson when the latter was out of the game with an injury. To take the position left open by Feustel's change from forward to guard, Tim Coffey is designated by Coach McCarthy. Two years of substitute work have helped in preparing Coffey for the responsibility, and with the experience he gained last year in the several games which he started owing to Feustel's shift to guard, there is no doubt about the strength of his half of the offensive line.

Last Year Freshman Star Plays
Sharing the offensive with Coffey will be O'Brien, who starred above all the other members of last year's freshman quintet. O'Brien is a heavy, fast-moving player, (Continued on page three)

Business Graduates
Will Attend Dinner
Chamber of Commerce President
To Lead Discussion

Mr. Frederick S. Snyder, president of the Boston Chamber of Commerce, will be the guest of honor at the third formal dinner of the series given by the graduate students in the department of Business and Engineering Administration. The dinner will be served this evening at 6.30 o'clock in the Board Room of the Chamber of Commerce at 80 Federal Street.

Mr. Snyder entered the wholesale foods business in 1877. He has been prominently connected in that business in Boston for many years. Recently he disposed of his interest in the Bachelier, Snyder, Dorr & Doe Company after serving as president and general manager for twenty-five years.

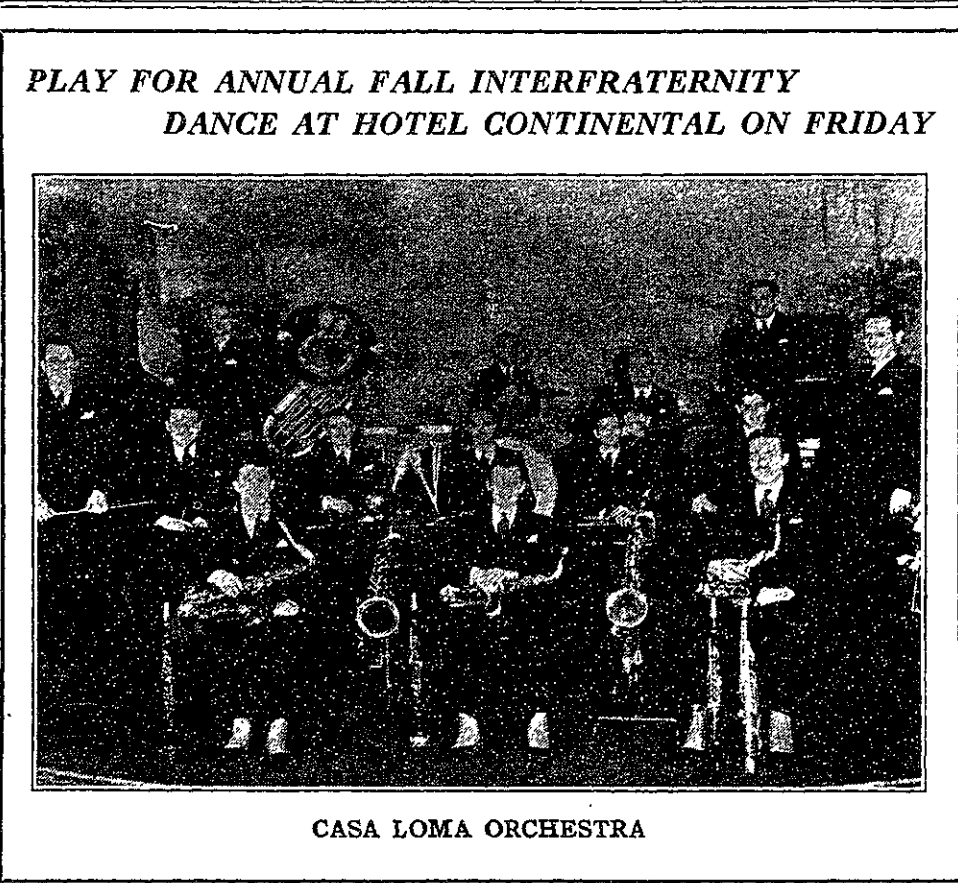
He has just concluded a three-year period as chairman of the National Board of Directors of the Institute of American Meat Packers. During his administration, the Institute carried through several important projects aiding the progress of the packing industry. While the United States was in the World War, Mr. Snyder served as chief of several divisions of the United Food Administration and was chairman or member of various war committees and commissions in New England.

For more than fifteen years, Mr. Snyder has been active in the work of the Boston Chamber of Commerce, being elected president for a second term on November 18. Mr. Snyder will discuss the responsibilities of the business administrator to his community.

Beaver Key Holds
Basket Ball Dance

Opening the basket ball season with one of their popular affairs, the Beaver Key Society will hold a dance immediately following the game with Newport Naval Academy this Saturday. The game is to be held at the Hangar Gym and the dance will be held in Main Hall, Walker Memorial. Music will be furnished by the Techtonians from about 8.30 o'clock to 12 o'clock midnight. Tickets sell for the price of seventy-five cents a couple, which includes admission to the game and dance. They may be obtained at the door.

ANNUAL FALL INTERFRATERNITY
DANCE ON FRIDAY WILL FEATURE
POPULAR CASA LOMA ORCHESTRA



CASA LOMA ORCHESTRA

First Affair of
Year is Expected
to Draw Crowd

Ballroom of Hotel Continental
Ready to Accomodate
500 Couples
DANCE FROM 9 TO 2 A. M.

Plans have been completed for the first Interfraternity Dance which will be held in the ballroom of the Hotel Continental, in Cambridge, on Friday, December 4, from 9 until 2 o'clock, with the famous Casa Loma orchestra furnishing the music. The chaperones will be Mrs. Karl T. Compton, Mrs. James R. Jack, Mrs. Horace S. Ford, and Mrs. Wallace M. Ross.

Formerly under the direction of Jean Goldkette, of Detroit, the Casa Loma orchestra has maintained a policy of not accepting long contracts, but of playing for short times at as many different places as possible. They are said to be one of the most widely-traveled and most popular Prom and ballroom orchestras in the country. Fletcher Henderson, the famous negro band leader, said, "They are the greatest band I ever heard and the best I ever played against."

Played at Many Universities
Besides many of the country's leading night clubs and ballrooms, including Castle Farms in Cincinnati, the Lido in Boston, Roseland in New York, the Ritz in Bridgeport, Conn., and Goldkette's in Detroit, the band has played at many important dances at Yale, Princeton, Amherst, Cornell, Pennsylvania, and many other colleges.

Room for more than five hundred couples is provided by the ballroom of the Hotel Continental, and there are several lounges as well, so that there will be sufficient room for a large crowd. Light refreshments will be served at about 12.30 o'clock.

300 Couples Last Year
Last year's dance, which was held in the Hotel Bradford ballroom, with McKinney's Cotton Pickers playing, was a marked success, and more than three hundred couples attended. It is hoped that the coming dance will surpass even this number. Tickets, which cost three dollars per couple and two dollars for stags, have been sent out to the treasurers of all the fraternities, and may be secured from them by fraternity men and their guests. Each fraternity was sent enough tickets for three quarters of its members, and several houses have already asked for additional tickets.

Duplin Prepares
Hockey Team for
Game at Garden

Competition Keen For Various
Positions, Only Three
Sure of Berths
SCHEDULE STARTS SOON

With the Harvard game only one week away, the varsity hockey team is working hard under Coach Vic Duplin. The boys have been on the ice three weeks now, but, as yet, there has been no definite choice of first team. Of the returning veterans, Captain Tommy Regan, left wing, Joe Fahey, center forward, and Otto Peterson, right defense, are the only ones reasonably sure of their old positions.

Don Whiston, and Phil Coleman, who alternated in the net last year, are being hard pressed for their old position by three Sophomores: Frank Milliken, Willard Patch, and Godfrey Borger. Patch was goalie for the freshman team during most of last year, but Milliken played such a fine game in the net against the Brown freshmen that much is expected of him this season.

Competition for Left Defense
Coach Duplin will have one of his biggest jobs in replacing Ben Hazeltine, captain and star defense man of the Beaver squad of last season. As a partner of Peterson, Hazeltine did stellar service in the rear ice position.

Competing for his defense position, are Jimmy Hayes, a member of last year's squad, John Hrones, who was one of the best players on last year's freshman team, and Hal Reynolds, another Sophomore. In his favor, Hayes has weight, and a good body-check. Hrones, in the practices to date, seems to be one of the best stick-handlers on the squad. He has a good stick check, and a fair body-check, being handicapped by his lack of weight.

Forward Line Prospects
On the forward line, Ranny Thompson is making a fierce bid for the right wing position. Until recently Cochrane, who saw action in last year's games, has been favored to hold down a first-string berth, but Thompson's improved playing has given him stiff competition. Most probable selections for another forward line are: Walter Silverman, Fred Johnson, Charles Marvin, and John Finnerty. Of these four Silverman is perhaps the best stick-

(Continued on page four)

Kodak Expert to
Deliver First of
Aldred Lectures

Address Of Eastman Director
Inaugurates Ninth In
Annual Series
WILL SPEAK ON FRIDAY

Dr. C. E. K. Mees, director of research and development for the Eastman Kodak Company, will deliver the first of the annual series of Aldred Lectures at Technology on December 4. Dr. Mees will speak on "Reminiscences." At noon on the same day he will address the Technology Faculty Club.

Dr. Mees was born in Wellingborough, England, in 1882, and attended Kingswood School, Harrogate College and St. Dunstan's College. In 1903 he received the degree of bachelor of science in research from the University of London, and three years later the same institution awarded him the degree of doctor of science. The University of Rochester in 1921 conferred

(Continued on page four)

Radio Society Work
Progresses Steadily

Construction Work on Amateur
Station is Started

Working with such rapidity that their progress is well ahead of the planned schedule, the M.I.T. Radio Society continues to improve their amateur station. Crystal control has been adapted to the seven-megacycle transmitter; this makes it operate more closely to the frequency at which it transmits and makes it comparable to any of the best broadcasting stations in the country in this respect.

Two large choke coils have been completed recently for the power supply for the new fourteen-megacycle radio telephone crystal-controlled transmitter, which is nearing completion under the supervision of John M. Hollywood G. Also, a fifty-six megacycle receiver is being planned to facilitate experimental tests with a high-power transmitter using this wave band.

In the interests of beginners, a code class has been organized so that they might learn the code. Through the courtesy of the Signal Corps these men are provided with standard instruments to facilitate their work.

Tau Beta Pi Holds
Initiations Tonight

Initiations for the national honorary society, Tau Beta Pi, will be held this evening at 6.15 o'clock at the Engineers Club, 2 Commonwealth Avenue, Boston. A formal dinner will precede the initiation. Professor William Hovgaard will speak on "Building the Yacht for the Tsar of Russia." The meeting is open to all members, including those among the Faculty and graduate students.

Sign Up Soon for Senior
Pictures for Technique

Seniors are urged to sign up with the Technique representatives in the Main Lobby for Yearbook pictures. There will be one on duty from 9 to 5 o'clock until the Christmas vacation, the deadline for the pictures. It is very important that the Class of '32 sign up at an early date.

Comparative Scholastic Standings of Undergraduate
Groups Based on June, 1931, Ratings

| | Average | | Average |
|---|---------|--|---------|
| 1. Tau Beta Pi | 3.758 | 23. Phi Mu Delta | 3.13 |
| 2. T. E. N. Management | 3.63 | GENERAL AVERAGE, ALL UNDERGRADUATES 3.094 | |
| 3. Varsity Sport Captains | 3.61 | 24. Sigma Alpha Epsilon | 3.09 |
| 4. Benchmark Management | 3.49 | 25. Wearers of the "T" | 3.08 |
| 5. Officers Combined | | 26. Kappa Sigma | 3.08 |
| Professional Societies | 3.47 | 27. Delta Kappa Epsilon | 3.07 |
| 6. T. E. N. Staff | 3.45 | <i>Average of the 139 men engaged in dramatics and musical activities</i> | |
| 7. The Tech Management | 3.44 | 28. Sigma Nu | 3.05 |
| 8. Institute Committee | 3.38 | 29. Alpha Kappa Pi | 3.04 |
| 9. Dormitory Committee | 3.351 | 30. Lambda Chi Alpha | 3.01 |
| 10. Technique Management | 3.35 | 31. Phi Beta Epsilon | 3.00 |
| 11. Architectural Student Council | 3.34 | 32. Tech Show Management | 2.99 |
| 12. Sigma Omega Psi | 3.33 | 33. Chi Phi | 2.98 |
| 13. T. C. A. Cabinet | 3.30 | 34. Delta Upsilon | 2.971 |
| 14. Voo Doo Management | 3.271 | 35. Officers of the M.I.T.A.A. | 2.97 |
| 15. Phi Beta Delta | 3.27 | 36. Delta Tau Delta | 2.97 |
| <i>Average of the 266 men holding managerial and executive positions in activities</i> | | 37. Phi Gamma Delta | 2.96 |
| | 3.267 | 38. Tech Show Cast, Chorus and Orchestra | 2.95 |
| 16. Wearers Varsity Athletic Insignia other than "T" | 3.24 | 39. Voo Doo Staff | 2.88 |
| 17. Sigma Alpha Mu | 3.23 | <i>Average of the 657 members of 28 social fraternities (Does not include T.B. Pi)</i> | |
| <i>Average of the 237 men engaged in athletic activities</i> | | | 2.93 |
| | 3.213 | 40. Beta Theta Pi | 2.842 |
| <i>Average of the 180 men engaged in publication activities</i> | | 41. Alpha Tau Omega | 2.841 |
| | 3.212 | 42. Theta Delta Chi | 2.840 |
| 18. The Tech Staff | 3.21 | 43. Technique Staff | 2.81 |
| <i>Average of the 649 men in 24 activity groups</i> | | 44. Psi Delta | 2.79 |
| | 3.206 | 45. Phi Kappa Sigma | 2.77 |
| 19. Combined Musical Clubs Performers | 3.20 | 46. Theta Chi | 2.76 |
| 20. Sigma Chi | 3.19 | 47. Phi Kappa | 2.68 |
| <i>Average of the 383 men on the staffs of activities but not holding managerial or executive positions</i> | | 48. Phi Lambda Alpha | 2.66 |
| | 3.164 | 49. Delta Psi | 2.64 |
| 21. Varsity Sport Managers | 3.15 | 50. Combined Musical Clubs Management | |
| <i>Average of the 589 Dormitory residents</i> | | | 2.59 |
| | 3.15 | 51. Phi Sigma Kappa | 2.58 |
| 22. Dramashop Management | 3.14 | 52. Theta Xi | 2.42 |
| | | 53. Alpha Phi Delta | 2.39 |

A Record
of Continuous
News Service for
Over Fifty Years



Official News
Organ of the
Undergraduates
of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MANAGING BOARD

C. M. Thayer '32.....General Manager
A. S. Ellis '32.....Editor
S. R. Fleming '32.....Managing Editor
W. H. Barker '32.....Business Manager

ASSOCIATE BOARD

D. H. Clewell '33.....News Editor
B. H. Whitton '33.....Features Editor
W. L. Sheppard '33.....Make-up Editor
F. W. Kressman '33.....Sports Editor
J. C. Hayes '33.....Advertising Manager
D. R. Smith '33.....Business Service Mgr.
G. H. Ropes '33.....Circulation Manager

EDITORIAL DEPARTMENT

Editorial Board
W. B. Schneider '32 C. W. Sweetser '33
R. T. Craig '32 A. G. Bowen '33
E. F. McLaughlin '32 J. L. Friedman '32
E. P. Newman '32 F. W. Wehmiller '33

NEWS AND SPORTS DEPARTMENTS

Photographic Staff
D. A. Robbins '34 W. G. Fry '34
Sports Writers
H. R. Plass '34 P. A. Daniels '34
News Writers
T. N. Rimbach '34 W. L. Wise '34
C. S. Dadakis '34
Features Writers
P. Cohen '34 D. Horvitz '34
Reporters
I. S. Banquer '35 J. M. Kilroy '35
C. Bates '34 W. J. Kunz '34
R. M. Daly '35 J. P. Mather '35
H. M. Dow '35 S. T. Orton, Jr. '35
R. Green '33 D. Rubenstein '34
M. Hecht, Jr. '35 W. H. Stockmayer '35
R. B. Woolf '35

OFFICES OF THE TECH

Walker Memorial, Cambridge, Mass.
News and Editorial — Room 3, Walker
Telephone, University 7029
Business — Room 302, Walker
Telephone, University 7415
Printers' Telephone, University 5650

SUBSCRIPTION PRICE \$2.50 per Year
Published every Monday, Wednesday and
Friday during the College year, except
during College vacations

Entered as Second Class Matter at the
Boston Post Office
Member Eastern Intercollegiate
Newspaper Association

BUSINESS DEPARTMENT

Staff
R. Bell '34 N. B. Krim '34
R. G. DuBois '34 B. Goldfarb '34
S. van T. Jester '34 John D. Hossfeld '35

CIRCULATION DEPARTMENT

Staff
J. T. Burwell '34 K. H. Lippitt '34
Winton Brown '34

ADVERTISING DEPARTMENT

Associate Advertising Manager
W. G. Bell '33
Staff
W. R. Churchill '34 A. M. Heintz '34
J. R. Newell '34 John L. Fisher '35
Sherman T. Leavitt '34

DATA

WHILE it behooves an activity not to point too proudly to its own accomplishments, we would call attention to the box on the front page, reproduced by permission of the *Technology Review*, and containing the comparative ratings of the many student groups. There would seem to be presented a very substantial argument as to the value of a student's participating in activities, or rather, a strong point to disprove the proverbial distracting qualities of these organizations.

Would not the obvious deductions from such an outlay of data all point to the fact that at Technology, at any rate, to be a leader in activities one must first learn to divide his time properly, and that once he has mastered this, he gives his best to two distinctly different ideas, while, at the same time, he learns the essences of self-management. The training and experience derived from this following of more than one interest helps tremendously in the building of potential leaders of industry.

We must, however, take these comparisons with a "grain of salt." Naturally, the fact that the activity leaders rank so much above the remainder of the student body does not evince that every activity leader is more of a student than every non-activity man. In this instance, a system of averages is somewhat misleading. We therefore must not censure a low group too greatly, nor praise the leading groups too highly. Also, there must be considered the fact that when studying small groups we are dealing with fewer individual students, consequently the deviations from an average figure are not so great. Once weighed with reference to these, our comparison would be more accurate. General and relative standings, however, are made clear by such a table, in spite of the slight ambiguity of the actual ratings.

We have Dean Harold E. Lobdell '17, and Registrar Joseph C. MacKinnon '13 to thank for a very enlightening set of figures, and a most revealing comparison of scholastic ratings. The activities deserve every plaudit for their position in this compilation, and are availed of a new argument in their favor as student institutions.

THE UNDERGRADUATE ORGAN

UNDERGRADUATE publications at Technology have suffered in recent years not from a decrease in the number of active men on their staffs, but from the fact that the proportion of the size of the staffs to the total undergraduate registration is steadily decreasing. It stands to reason that if THE TECH were to cover properly every event which deserves notice, we should need a reporting staff several times the size of the present one. The obvious result of this situation is that we either comment briefly upon what matters we are able to cover, neglecting all others, or that we solicit a greater student interest in the presentation of material, and cooperation in obtaining such material.

As an example of the difficulties encountered, the "Away From the Grind" column, covering the social events primarily of the fraternities, contains notices which are obtained by the paper as a unit. Even with this large group reporting, it is absolutely impossible to be aware of every fraternity affair, what with the small closed dances, the banquets, the informal smokers, and the large open functions. Naturally we omit many notices, mainly because we cannot telephone every fraternity every day, and the usual complaints ensue. With reference to the tremendous mass of activity that deserves publicity, certainly a more appropriate set of reports may be published when the paper is assured of the cooperation of those managing these functions.

THE TECH is, as the masthead states, "The official undergraduate news organ of the Massachusetts Institute of Technology." Among its purposes is listed that we desire to publish news which is considered to be of the greatest interest to the greatest number of readers. It is impossible for the reporters to know everything that goes on, and, appropriately, the news office is always open for the receiving of notices of events of which we should otherwise be unaware. The student body may make THE TECH of greater value and of wider interest if a greater cooperative spirit is fostered, as becomes a student paper and its undergraduate readers.

As We Like It

"The First Year"

This "minor masterpiece" from the pen of Frank Craven is nightly drawing full houses at the Copley, and deserves them. It is a homely drama of young love and married life in a Middle-Western setting, a capably acted comedy which never lapses into farce or sentimental melodrama.

In the first act you are introduced to the Livingstons; the mother and father, the girl with her dreams of romance, travel, and adventure, the bachelor uncle who is a doctor and a dabbler in the science of matrimony. Then come the girl's two suitors; Dick, the flashily-dressed, romantic youth, promising more than he can perform; and Tommy, the awkward, stay-at-home boy, an unwilling fourth at bridge, while his rival makes offers of love and asks the girl to elope. She refuses, they quarrel, and Tommy, seizing his chance, takes the uncle's advice to "grab her," and so obtains her promise of marriage.

The second act finds the young couple settled in their apartment in a small Missouri town, with Tommy buying up options on valuable real estate. Then follows the dinner, at which the purchasing agent for the railroad and his hard-boiled wife are guests; the blunders of the untrained servant girl; the sudden and uninvited visit of Dick, who temporarily queers Tommy's business deal and precipitates a quarrel which causes the girl to return to home and mother. Then comes Tommy's business success, the scene between the girl and her parents, the fight between Tommy and Dick, and the final reconciliation, with the uncle announcing the imminent birth of the baby.

Thus passes the first, and hardest, year of marriage, as played at the Copley. The acting is excellent, the story interesting and the humor clean and straightforward.

R. J. D.



There is one thing that has the Lounger veddy veddy pip pip and what-ho. In fact he is just under the door-bell-ringing stage, that is, if any of the Institute profs had door bells. The thing that is causing this burst of match-breaking around the Lounger's old folks easy chair, is this damned ring and arrow puzzle that is circulating the buildings.

The story is like this: Some years ago, a Harvard undergraduate went insane either from bad gin or too close association with the profs. (They will both get you in the end.) And the poor chap took to the knife. He cut and cut. He soon became so expert at carving that even a Walker steak would have held no fears. To be brief and terse, he was a "wow." And then the thing happened; from a block of fine ebony he carved a perfectly swell arrow with a wide head and tail, both about three times as wide as the diameter of the shaft.

So far so simple. But on the shaft of the arrow there is a ring; it also is wide and thick and heavy, and the hole in the ring and the shaft are in excellent fit. So far also so simple, but here comes the hook. The ring is not made of ebony but is cut from solid mahogany. (As "Triple E Hudson" would say, "The smell of fish was in the air.") How can it be done?

Well, they had a big huddle over it at Harvard, their think tanks said "no," their eyes said, "yes." That is, with both ends of the shaft obstructed by the head and tail of the arrow how could the ring be placed on the shaft, for it would be difficult for even the most talented carver to cut a mahogany ring out of an ebony block.

When this exhibit of knifing was brought to light again a few days ago, the Harvard profs thought it a great idea to call in an engineer and watch him ponder. What happened was that the thing was brought right down to the lair of the M. E. Department and the crew assembled.

Pop Hayward, Woodsman Cowdrey, Eddie Miller, Muscle Man Zimmerman, Auto Park, and also Magnetic Magoun they were all there. The air turned blue then a bright cherry red as Eddie Miller said, "Gentlemen, it don't make one particle of difference" . . . when he was stopped by a Magnetic Fist striking the open magnetic hand of Magnetic P. Alexander Magoun, who said, "We must isolate our thoughts if we are to make" . . . "Scotch," said Muscle Zimmerman, "would probably turn that ebony into rubber." "You are trying to stretch things," said Pop H.

And so it went on, far into the night. But out of it all there came a hero, for the morning after, Muscle Zimmerman brought with him one he had made out of a cigar box. Good ole Zimmy. Now he refuses to talk and when asked about how he did it, he only flexes his great biceps and mumbles, or catches flies.

The Lounger has gone all agog over the thing and what hurts is that if Zimmy can figure the darn thing out, why can't everybody. But the Lounger is going to stop thinking about it, for look what it did to the chap at Harvard, and what it did to Zimmy.

Institute Needs Large Permanent Staff of Workers

Many Trades Represented In Repair and Maintenance Departments

The baker, the butcher, the candlestick maker find no need for their respective trades at Technology, but some occupations as little connected with teaching or school life are represented on the Institute's payroll. A permanent staff of one hundred and seventy-two persons is required to keep the Institute running smoothly, of whom forty-four are in the repair shops and the remaining one hundred and twenty-eight are employed for maintenance purposes.

In the forty-four repair men are included carpenters, steamfitters, plumbers, painters, and movers; also one pipe coverer, one bricklayer, and two chauffeurs. Among the persons employed in the maintenance department are included eight watchmen, janitors, night cleaners, the men working in the power plant, and five persons running the Institute laundry, which takes care of all the washing the Institute requires. In addition to this are the eighty persons which make up the staff at Walker, and the twenty-nine men employed at the Dormitories.

From the first of April till about the middle of October about twenty laborers are employed as seasonal help, mainly in work about the grounds.

MEN OF BOSTON LEAD IN PROPER DRESSING

All Cities of the United States Lose to Boston

Fred H. White, a member of the firm of Read and White, following a trip which took in most of the large cities of the country, says that the men of this city know more about proper dressing than those of any other in the United States.

Mr. White says that there are more men per capita in cultured Boston who know the right thing to wear at the right time than there are in New York, Chicago, Cleveland, Los Angeles, San Francisco, Portland, Oregon, Seattle, or any other cities.

Portland, Oregon, Far Behind
He said that he was talking with a tailor in Portland who told him that the natives would turn out and follow a man wearing dress clothes in the evening. They would know that he was a man from the East or a member of the orchestra at the new hotel.

Although Cleveland claims to have the greatest number of men who own their own dress clothing, Mr. White still contends that, although that might be so, Boston leads them all in proper dress for men.

OPEN FORUM

SKIING CLUB

To the Editor of THE TECH:

I wonder if it would not be advisable to call the attention of more M.I.T. men to the splendid opportunities that are available for skiing during their stay in Greater Boston. No other winter sport offers so much as skiing, and there are not many places so fortunately situated as is Boston.

The Boston and Maine Railroad has learned much from the success of their ski trains last winter, and is going to continue and improve the service. In addition, bus lines are planning to enter the field in the coming winter in competition with the railroad. There is no doubt that the facilities will be better and even less expensive than last year.

For beginners, a considerable difficulty may be the proper selection of equipment. We could help that, by arranging a meeting some afternoon for those who are interested in the sport. Some of us could bring to the meeting model equipment and we could discuss the questions of suitable types and sizes of skis and shoes, types of bindings, waxing, care, etc. This would also give a beginner an idea of expenses he will have to meet and might help him considerably in getting a better start. The salesmen are rarely skiers, and therefore not always good advisers.

May I suggest that you bring this question to the attention of the student body to find out if there would be interest for such a discussion to begin with. The question of a club could be decided upon later when we see a need for it.

Very truly yours,
LEO JURGENSON, Res. Assoc.

N.R.O.T.C.

To the Editor of THE TECH:

Dear Sir: What about the N.R.O.T.C.? The R.O.T.C. is coming in for so much abuse that I have been wondering how the student body would feel about Naval Reserve training. Just now it is not so much a question of freshman drill as it is of the advanced courses.

Starting with some of the Naval Architectural men there has been quite a lot of talk among the Sophomores about the possibilities of getting some naval courses here instead of advanced R.O.T.C.

I believe Harvard has a Naval Reserve Course, and the suggestion is to cooperate with the Harvard authorities rather than

to try to establish a new course at the Institute. In the hands of the proper officials here, I am sure this would present no insurmountable difficulties if there were enough interest among the student body.

The value of the course would be that many men not now interested in any aspect of the military training might find in the N.R.O.T.C. an aspect of the national defense more to their liking. This applies, of course, most of all to the Naval Architectural students, but to a lesser degree also to the students in the non-technical courses. The general feeling seems to be that naval work is less blood-thirsty than the army, so it might attract some of the more squeamish among the students.

If such a Naval Reserve course were successful, it might lead in the future to an option of a Naval Reserve course which would embody all the discipline and training which makes the freshman drill valuable and still remove the stigma of "compulsory." That, of course, is far in the future. For the present, let us see what we can do about the advanced courses.

As far as I can see, a N.R.O.T.C. course could have all the good points now claimed for the R.O.T.C. and at the same time be less intent on mayhem and destruction, more interesting to considerable bodies of students, more useful in civilian life; and, above all, a change would show the willingness of the administration to relax apparently inflexible rules when a satisfactory option is offered.

T. KRESSER '34.

WELLESLEY GIRLS PREFER DARTMOUTH

Harvard Trails in Affections Of Wellesley Students

Harvard was rated zero as far as popularity with the Wellesley students is concerned in a recent popularity poll taken by the *Wellesley College News*. Dartmouth and Yale lead, being tied for first place in the heart of the Wellesley lass. It is sad to say that Technology has fallen from her once lofty perch and is now an also ran, as is Princeton, Cornell, Penn, and others. The girls' general attitude was, to quote the words of one young lady, "Any place but Harvard."

FRESHMEN CROSS COUNTRY RUNNERS END FAIR SEASON

Take Seventh Place In I. C. A. A. A. This Fall On Easier Course

BEST FINISH SINCE 1927

Although the freshman cross-country team did not have a very successful season, several good men were discovered during the course of the races this fall. Many of the members of the team, which was captained by J. D. Holby, are considered as formidable prospects for next year's team.

In the first meet of this fall the freshmen engaged in a race with the first-year men of Harvard, New Hampshire, and Dartmouth. The final score of this race was New Hampshire 29, Harvard 45, Dartmouth 85, and Technology 88. The next opponents of the cardinal-clad harriers was Holy Cross. In this dual meet the freshmen gave their Worcester rivals a very stiff battle but had to accept a 26-29 defeat.

Lose to New Hampshire

Following this the Technology freshmen ran against the New Hampshire freshmen, the same team that had won the quadrangular meet earlier in the season. The result of this race was the most disastrous of the year, New Hampshire winning by the score of 16-47.

Seventh in I.C.A.A.A. Meet

Like the varsity, the freshmen have been the victims of the improved course in the I.C.A.A.A. meets, as it is shown by comparative scores. Before 1928, when this race was turned into a road run over level ground, the yearlings had always been well up among the leaders. But with the advent of the easier course, the freshmen dropped back about five places, mainly because they had trained for a race in which endurance was more of a factor than speed for success. This year, however, they made the best showing of any freshman team representing Technology since the track was cleared of all natural hazards and the hurdles removed. They succeeded in finishing seventh, three places better than last year.

Finished Sixth in New England's

However, in the New England Championships, Technology's most important races, the first-year men did not do as well as expected. In previous years the freshmen had always been near the top. In the first year, 1924, the Technology representatives won the meet and since then have been in the first five. But this fall they slipped down to sixth place.

The following are the records of the I.C.A.A.A. and New England Championship competitions for the past seven years:

| I.C.A.A.A. | | | | |
|------------|-----------------|------------------|-------|--|
| Year | Team's Position | Places | Total | |
| 1924 | 3 | 7-13-17-22-43 | 102 | |
| 1925 | 4 | 2-16-21-25-31 | 95 | |
| 1926 | 5 | 6-12-23-30-48-54 | 171 | |
| 1927 | 6 | 10-19-20-41-51 | 147 | |
| 1928 | 13 | 48-53-59-62-78 | 300 | |
| 1929 | 10 | 19-32-48-57-58 | 214 | |
| 1930 | 10 | 10-18-32-66-70 | 196 | |
| 1931 | 7 | 11-30-37-40-47 | 165 | |

| NEW ENGLAND CHAMPIONSHIPS | | | | |
|---------------------------|-----------------|--------------------|-------|--|
| Year | Team's Position | Places | Total | |
| 1925 | 1 | 1-5-8-13-16-21-32 | 96 | |
| 1926 | 5 | 2-9-10-18-20-23-25 | 113 | |
| 1927 | 2 | 6-13-17-18-20 | 74 | |
| 1928 | 4 | 6-8-14-21-24 | 73 | |
| 1929 | 3 | 2-12-16-25-31 | 86 | |
| 1930 | 6 | 11-28-34-41-43 | 157 | |

OXFORD AND HARVARD TO DEBATE BY RADIO

War debt cancellation is the question Oxford and Harvard will fight out on the air Saturday, in the first international collegiate radio debate, which will be staged over the WEAF network from 6 to 7 o'clock.

Three-man teams have been selected by both the American and British schools. One Harvard and one Oxford man will uphold the affirmative, and one man from each institution the negative. In the final summations, Harvard will take the negative and Oxford the affirmative.

Second-Hand Scales in MS21 Show Depression

Even the Military Science Department has been hit by the depression, according to latest reports. The would-be map-makers in MS21 are each given a blue cardboard strip on which is printed a grade scale. These strips are old registration cards which have outlived their original purpose.

Famous Japanese Scientist Talks On Earthquakes

Dr. Suyehiro Will Conclude His Series Of Three Lectures

"As yet there is no practical method for accurately predicting the approach of an earthquake," declared Dr. Suyehiro in his address on "Earthquake Research in Japan," given on Monday. He discussed the various methods being used and pointed out the factors of uncertainty existing in them.

Professor Charles M. Spofford '93, head of the Civil Engineering Department opened the meeting by outlining the work being done at Technology on earthquake study. This included the establishment of an option in Geodesy and Seismology and a seismograph station at Camp Technology. Professor Spofford then introduced Dr. John R. Freeman, a member of the Corporation, who was influential in procuring Dr. Suyehiro to speak here. He, in turn, introduced the speaker.

Present Information Not Sufficient

In his second lecture yesterday, on the subject of "Engineering Seismology," Dr. Suyehiro declared that the measurements obtained during recent earthquakes, including the severe disturbance of 1923, were in most cases very inaccurate and of no practical use in engineering. Present development of seismograms and accelerograms, the two most important instruments used for measurements of earthquakes, will gradually remove this difficulty, according to Dr. Suyehiro.

"Vibration of Buildings Caused by Earthquakes," will be the subject of Dr. Suyehiro's lecture to be given today at 4 o'clock in Room 5-330. This will be the final address of a group of three given under the auspices of the Civil Engineering Department.

Squash Teams Ready For Contests To Be Held Saturday Noon

Coach Jack Summers Instructing Players To Keep Alert And Play Fast

Stressing the importance of playing a fast game, Coach Jack Summers of the Squash teams has been training the first varsity, Faculty-graduate, and freshman teams during the last few days for their matches Saturday. The Faculty-graduate team meets a Boston Athletic Association team at the Institute on Saturday, December 5, and on the same date, the first varsity team will meet another of the Boston Athletic Association's teams at B.A.A. while the freshman team will be pitted against the Salem Club at Technology.

Summers Expects Good Season

Because of the popularity of the game in the Institute at present, it is expected that the teams will show up brilliantly at the meets. The members of the freshman team of last year are regarded as the mainstays of the varsity teams, and Coach Summers predicts that because of such good material to work with he will, without doubt, produce better teams than Technology has ever had before.

Being members of the Massachusetts Squash Racquet Association, the Institute teams are to participate in the following classes: Faculty-graduate, Class B; first varsity, Class C; second varsity, Class D and freshman, Class D.

Matches will commence at 3 o'clock in the afternoon, and of the following men, the teams to represent the Institute will be constructed. Because of the changes that have been made in the lineup of the players a new lineup, up-to-date, is at the end of the column. Also, the men playing on the Faculty-graduate who are undergraduates at the Institute are graduates of other schools and therefore are in the Class B group.

| Faculty-Graduate | | | |
|-----------------------|---------------------|--|--|
| W. E. Howard, Jr. '32 | C. P. Beaubien '34 | | |
| W. V. Fitch '31 | J. M. Raymond '34 | | |
| W. H. Gale | A. L. Dunning, G | | |
| P. W. Snyder, G | W. C. Schofield '32 | | |
| L. B. Smith | | | |

| Varsity | | Freshmen | |
|-----------------------|-------------------|-------------------|--|
| J. J. McHugh, Unc. | R. R. Spaulding | R. R. Spaulding | |
| L. DeGiv'e '33 | J. R. Burton, Jr. | J. R. Burton, Jr. | |
| C. F. Payne '33 | W. Boyd | W. Boyd | |
| J. H. Wood '34 | F. R. White | F. R. White | |
| T. P. Eder '34 | E. B. Reilly | E. B. Reilly | |
| D. van H. Ingalls '34 | W. C. Yepsen | W. C. Yepsen | |
| E. P. Newman '32 | D. C. Gutleben | D. C. Gutleben | |
| H. T. Martin '33 | F. Gardner | F. Gardner | |
| G. H. Prescott '32 | | | |
| R. M. Love '33 | | | |
| G. J. Murphy '32 | | | |
| N. E. Harris '33 | | | |

Voo Doo and Technique Will Battle Saturday

Voo Doo "may" play Technique Saturday afternoon for the football championship of the Technology publications, that is, if the weather is not too cold. The game has been postponed several times for a couple of reasons. Once the game was postponed because Anderson, of the Voo Doo team, had a broken rib. The other time, well, that was the day of the Harvard-Yale tussle.

SOCCER TEAM MEN AWARDED LETTERS

Freshmen Given Numerals As Season Draws to Close

In recompense for their work on the varsity and freshman teams, the following men were awarded letters and numerals. It was necessary for each man to have participated in at least two-thirds of the scheduled games.

| Freshman Numerals | |
|---|--------------------|
| For their work on the freshman teams, having played in two-thirds of the matches the following freshmen were awarded their class numeral, 1935: | |
| Ballard, John B. | Lowry, Jack |
| Bemis, Hal L. | Mather, John |
| Forsburg, George | Orton, Samuel |
| Forster, Robert | Snow, John |
| Hamilton, Alexander | Ware, Julien |
| Kraus | Mathias, Frederick |

Varsity Numerals

Representing the Institute on the varsity and having played in two-thirds of the scheduled games, the following men were awarded the "a T F" letter:

| | |
|------------------------|-------------------------|
| Nicolas Velez '32 | William Brockman '34 |
| Norman Schulze '32 | Philip Kron '34 |
| Manlio Fra Giacomo '32 | Morten Hansen '34 |
| Eric Newman '32 | Frederick Kaiser '34 |
| Gustave Klidde '33 | Alwyn Gray '34 |
| William Eaur '32 | Michael Consentino '34 |
| Charles Thumm '33 | Walter Duncan '34, Mgr. |

And for their work in soccer, the following men were given the straight "T":

Eric P. Newman '32 Norman Schulze '32

BANQUET TO BE HELD BY PI DELTA EPSILON

Technology's chapter of Pi Delta Epsilon, national honorary journalistic fraternity, will hold a banquet in the North Hall of Walker Memorial at 6.30 o'clock, Saturday night, for its members on the occasion of the twenty-first anniversary of the founding of the national society. Many alumni and members of local chapters are expected to attend as guests.

Professor Robert E. Rogers of the English Department will be the main speaker of the evening, and Professor Winward Prescott, also of the English Department, will be toastmaster.

Another successful RENTAL season for our

DOUBLE BREASTED TUXEDO

at student rate of \$2.25 Single Breasted \$1.50

READ & WHITE

111 Summer Street BOSTON 93 Massachusetts Ave.

BOSTON

On a Night Like This
—Before the SHOW
—or at MIDNIGHT

HERE you'll find Boston's most thoroughly enjoyable dinner and supper dance-assemblies—delicious food, delightful music and good company always! Gala programs every Wednesday and Thursday evening with Leo Reisman, in person, directing.

Dinners \$1.50-\$2-\$2.50—no couvert. Supper-couvert \$1 every night—no minimum charge.

14th
Successive Season
LEO REISMAN'S
ORIGINAL
ORCHESTRA

WED. and THURS. Eve.
Leo Reisman in Person

THE HOTEL BRUNSWICK
EGYPTIAN ROOM

Boylston St. at Copley Sq. — Ample Parking

BASKETBALL TEAM POSITIONS FILLED

Squad Has Sufficient Players For Substitution Of All Positions

(Continued from page one)

and will give the man opposing him lots of trouble and anxiety.

In the guard position he filled capably last year, will be Adam Sysko, one of the team's strongest defensive threats. He is not given to pulling forward when the ball leaves his territory, and will probably be the man continually on the basket, while Feustel will do more of the following.

Freshmen Furnish Material

In addition to the men starting, there are several more who are well up in the ranking, strong in the competition for positions, and they will probably get a chance to play.

Oldham, another member of last year's freshman team, is a likely substitute for either of the guards or forwards, as he plays a very versatile game. From Connecticut Wesleyan comes Pat Amenta, who was ineligible last year because of his transfer. He also has been playing a strong hand in the fight for a regular position, and will probably land up in either a guard or forward position before the final whistle.

Tall Center Candidates

Crosby and Struck are the two other men most likely to be included in play during the game. They were both members of last year's freshman team, and are both tall candidates for center. Crosby towers five or more inches above Captain Johnson, who is starting at center, and Struck is not far behind him. Both of these men will make excellent material for the team in the future, and can be counted upon for plenty of the stuff, when they get their chances.

In retaliation for the town making them vote, in order to obtain the poll tax, Dartmouth students went to a town meeting at Hanover and while there introduced and passed two bills. One was to build a town hall a foot wide and a mile high, the other to build a wall around the town eight miles high. The Hanoverians had to take the affair to Washington before they got out of building the proposed structures.

LYDIA DINNER

LEE 45c up

BREAKFAST — DINNER

Opposite Aeronautical Laboratory

Students Circulate Petitions in Favor of Disarmament Plan

Names Will Be Forwarded to The Women's International League in Boston

Petitions are now being circulated in the dormitories and in fraternity houses for the international renoucement of armaments. As far as could be learned the campaign for names is not actively connected with any large organization but is merely carried on by a number of Technology students who have become interested in the cause. The names signed are being forwarded to the Women's International League, 6 Byron Street, Boston, to be presented at the next International Disarmament Conference.

The petition reads in part as follows: "The undersigned men and women, irrespective of party, are convinced that competition in armaments is leading all countries to ruin without giving security; that this policy renders future world wars inevitable and that these will be wars of extermination; that governmental assurances of peaceful policy will be valueless as long as those measures of disarmament are delayed that should be the first result of the pact for the renunciation of war."

fine arts

STATE THEATRE BUILDING

The MYSTERY of LIFE

AT HIGH PRICES BY DARROW

NOW PLAYING

Let's smoke a MAN'S SMOKE!

WHEN the girls begin to cut corners in our cars and do back somersaults in our planes and borrow our cigarettes—then it's time to take to a pipe!

Call it the last stronghold of masculine defence—or the one pet diversion our little friends keep their fingers off. Call it what you will—there's something downright satisfying, understanding, companionable about a friendly, mellow, MASCULINE pipe! It's a real man's smoke!

And a pipe's at its best when you fill it up with Edgeworth. There's a rare, mellow flavor to the Edgeworth blend of fine burleys that simply can't be touched. It's cut long—to give you a cool, slow-burning smoke. And you'll find it the favorite with smokers in 42 out of 54 colleges.

You can get Edgeworth wherever good tobaccoists sell smokes. But if you've never tried it, we'd like the fun of treating you to that first satisfying pipeful. Just write to Larus & Bro. Co., 105 S. 22d St., Richmond, Va.

EDGEWORTH SMOKING TOBACCO

Edgeworth is a blend of fine old burleys, with its natural savor enhanced by Edgeworth's distinctive and exclusive elevation process. Buy Edgeworth anywhere in two forms—Edgeworth Ready-Rubbed and Edgeworth Plug Slice. All sizes, 15¢ pocket package to \$1.50 pound humid tin.



CALENDAR

Wednesday, December 2

- 4.00 p.m. — Lecture on "Vibration of Buildings Caused by Earthquakes." by Professor Kyogi Suyehiro in Room 10-250.
 5.00 p.m. — Techonians orchestra rehearsal in East Lounge of Walker Memorial.
 5.00 p.m. — Beaver Key Society meeting in West Lounge of Walker Memorial.
 6.00 p.m. — Course XV Graduate's dinner in Grill Room of Walker Memorial.
 6.00 p.m. — Japanese Students Club dinner meeting in Faculty Dining Room of Walker Memorial.
 6.00 p.m. — Tech Catholic Club dinner meeting in North Hall of Walker Memorial.
 7.30 p.m. — Sleepy Hollow Boys orchestra rehearsal in East Lounge of Walker Memorial.

Thursday, December 3

- 5.00 p.m. — Banjo Club rehearsal in East Lounge of Walker Memorial.
 5.00 p.m. — Massachusetts Safety Council dinner in North Hall of Walker Memorial.
 5.00 p.m. — Institute Committee meeting in West Lounge of Walker Memorial.
 6.00 p.m. — Instrumental Club rehearsal in East Lounge of Walker Memorial.
 7.30 p.m. — Aeronautical Engineering Society smoker in Faculty Dining Room of Walker Memorial.

Friday, December 4

- 3.00 p.m. — Aldred lecture by Dr. C. E. K. Mees in Room 10-250.
 5.15 p.m. — Professor Edward L. Bowles will address Radio Society in Room 10-275.
 6.30 p.m. — Steel Treasures dinner meeting in North Hall of Walker Memorial.
 8.00 p.m. — Chess Team match in Faculty Dining Room of Walker Memorial.

Undergraduate Notices

NUMERALS READY

Members of the following teams are requested to call at the A. A. office at their earliest convenience for their numerals: Sophomore Field Day football and Tug-of-War; Interclass track team; freshman soccer team.

BIOLOGICAL SOCIETY MEETING

There will be a meeting of the Sedgwick Biological Society on Wednesday, December 9, 1931, at 7.30 p.m., in the Emma Rogers Room. Professor Magoun will speak on "Applied Psychology." The talk will be preceded by a short business meeting and followed by a social hour.

MINING SOCIETY

The Mining Society will meet today at 5 o'clock in Room 8-319. All members are requested to be present.

FRESHMAN SQUASH MANAGER WANTED

Coach Jack Summers would like to have some freshman try out for the position of manager of the freshman squash team. If any freshmen are interested, they should try to see Coach Summers at the squash courts any time during the week.

As We See the MOVIES

Fine Arts Theatre

In the summer of 1925, due to the customary lull in news, the eyes of the world focussed for a few days, on the interesting and somewhat bizarre trial of John T. Scopes, school teacher, vs. the State of Tennessee. It was the famous "monkey trial" of Dayton, concerned with the violation of the State law prohibiting the teaching in the public schools of any theories which denied the divine creation of man as taught in the Bible, and in the hands of William Jennings Bryan and Clarence Darrow, chief defense counsel, the trial assumed the form of a contest between fundamentalism and modernism.

In the current film at the Fine Arts, Clarence Darrow's views of the origin of man, together with a very incomplete picturization of Darwin's theories, are presented. The entire picture is taken mostly from excerpts of other films, of which the majority are the scientific UFA films. Beginning from the very lowest form of existence, in fact the very origin of living matter, which in an informal discussion with Darrow on the screen, Professor H. M. Parshley of Smith College states came about by the chemical combination of several simple elements present in all geysers and springs, the camera, with a few long and somewhat unconvincing jumps, takes us to the present state of living things and man. More striking is the visual interpretation of the laws of natural selection, which with the aid of large and grotesque mechanical prehistoric animals, the survival of the fittest to our present generations is portrayed.

In all, it is a picture not to be missed for it clearly presents the basic concepts of the evolutionist and gives one much food for thought in a sphere where the mathematical minds of embryo engineers seldom dwell.

R.K.O. Keith-Boston

We had hoped, and, indeed, believed, that a moratorium upon gangster pictures had been declared by the rulers of moviedom, but still they come. "The Guilty Generation" does not, to be sure, glorify

ACTIVITY STUDENTS ABOVE AVERAGE IN SCHOLASTIC GRADE

17 Out of 24 Groups Rank Above Midpoint; Athletes Are First On List

INDOOR ACTIVITIES LOW

Students in athletics, publications and other activities are averaging considerably higher than the general scholastic average of the undergraduate body, a study of the academic records of undergraduates at Technology shows. This study, based on marks of June, 1931, has just been completed by Dean H. E. Lobdell and Registrar Joseph C. MacKinnon.

Of the 24 activity groups computed, 17 ranked well above the scholastic midpoint. The 237 men engaged in athletics as competitors or managers and the 180 students in publication activities were in the upper half, but 139 men interested in dramatic and musical activities were below the general undergraduate average. The study also shows that the standing of 266 men holding managerial and executive positions in activities surpassed that of 383 younger men on the staffs of the various activities.

Highest Average 3.758

The highest average of a single group was 3.758, out of a possible five under the Institute's scholastic rating system, and was obtained by the members of Tau Beta Pi, the honorary engineering scholastic fraternity. This was to have been expected, for the eligibility requirements of Tau Beta Pi include the proviso that each of its initiates must rank in the top quarter of his class with respect to academic record.

Notable on the list of activity groups having definitely superior ratings is the management of *The Tech Engineering News*, which stood next to and but twelve points below the Tau Beta Pi average. The captains of varsity sport teams were third, two points below *The Tech Engineering News* management. Then, in order, came the management of *The Benchmark*, annual publication of the Civil Engineering Summer Camp; the officers of the Combined Professional Societies; the staff of *The Tech Engineering News*; the management of THE TECH; the Institute Committee; the Dormitory Committee, which has charge of student government in the dormitories; and the management of *Technique*.

In contrast with the excellent showing made by the activity groups, but five of the 28 recognized social fraternity chapters stood above the general undergraduate average. The 657 members of the 28 chapters of social fraternities rated 16 points below the general average of the undergraduate body and 24 points below the general average of the 589 residents of the dormitories.

the gangster personally, but it paints a considerable picture of the wealth to be gained from the running of booze. It also paints convincingly the hard lot of gangster's children, which is its redeeming feature. In the main, however, it is just another gang picture, of which we have seen too many.

The stage show this week is a bit short, and it is eked out by some middling good animated cartoons and other short subjects.

C. W. S.

Kodak Expert to Deliver First of Aldred Lectures

Address Of Eastman Director Inaugurates Ninth In Annual Series

(Continued from page one)

upon him the honorary degree of doctor of science.

Came to U. S. in 1912

Dr. Mees came to the United States in 1912, after six years as managing director of Wratten & Wainwright, Ltd., Croyden, England. Since that time he has been connected with the Eastman Kodak Company as director of research, as director of research and development since 1918, and as a director of the company since 1923.

Dr. Mees is a member of the American Chemical Society, the American Physical Society, the American Astronomical Society, the American Optical Society, the London Chemical Society, the Royal Photographic Society, the Royal Astronomical Society, the Societe Francaise de Photographie, the Society of Motion Picture Engineers, and the American Institute of Chemical Engineers. He is also a Fellow of the American Association for the Advancement of Science.

Numerous medals and awards have been conferred upon Dr. Mees for his work in photographic research, among them the John Scott Medal, and the Janssen Medal of the Societe Francaise de Photographie. He is also the author of notable works having to do with photographic processes and the organization of scientific research in industry.

HOCKEY SEASON TO START WITH HARVARD

Varsity Sport Again Gets Under Way Against Crimson

(Continued from page one)

handler. Marvin saw action with last year's varsity, and Johnson and Finnerty are fairly evenly matched, Johnson being a speedy skater on the straightaway.

At the Arena Friday morning there will be a half hour scrimmage between the Technology varsity and the Boston University sextet. Then on Saturday Coach Nelson Raymond of Northeastern has offered part of the Huskies' practice hour for an additional scrimmage. These two frays should enable Coach Duplin to decide on his starting lineup for the Harvard game.

RADIO CLUB PLANS YEAR'S ACTIVITIES

Activities for the current year will soon be started by the Radio Society operating Amateur Station WIMX. This station has been in communication with others in all parts of the world, and is an important unit of the Army amateur net. As a member of the American Radio League, the station is ready to send messages, free of charge, anywhere in the United States.

The Aldred Lecture series, under whose auspices Dr. Mees will speak, was established nine years ago, and is open to members of the Junior and Senior classes at the Institute.

Seven hundred and twenty of the smartest freshmen to ever enter the University of Chicago will attend only classes they wish and read books they like in a new experiment to be tried by President Hutchins.

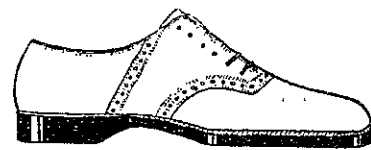
At the University of Oklahoma students objecting to military drill on religious grounds will be exempt from it.



LATE MODEL
Tuxedos
To Rent
\$1.50
With Silk Vest
All Suits One Price—
Clothing
Complete Outfitters

CROSTON & CARR CO.
72 SUMMER STREET, BOSTON

FRANK BROTHERS
FOOTWEAR INC.
588 Fifth Ave. between 47th and 48th Sts.
NEW YORK
A MODEL FOR EVERY
ACTIVITY OF STUDENT LIFE



CAMBRIDGE SHOP
252 Abbott Bldg., Harvard Square

7 solid years of operation
and not a dime for maintenance!



AFTER seven solid years of operation, the gas-fired tunnel kiln in the picture shows no signs of deterioration. The brickwork is as perfect as when it was brand new. Heat input from gas is so uniform that there is no chance for irregular expansion and contraction of the brick . . . they'll last indefinitely. It is interesting to note, too, that not a single dime has been spent on maintenance on this kiln in all its seven years' uninterrupted operation. Send for the new book "Gas Heat in Industry".

AMERICAN Gas ASSOCIATION

420 Lexington Avenue, New York

GAS FOR HEAT WHEREVER HEAT IS NEEDED